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HAROLD LEGGETT, PH.D.
SECRETARY

State of Louisiana
DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL SERVICES

Certified Mail No.

Activity No.: PER20090001
Agency Interest No. 8241

Mr. V Kenney Fletcher
General Manager
Texas Eastern Transmission, LP
PO Box 1642
Houston, TX 77251-1642

RE: Part 70 Operating Permit
Texas Eastern Transmission, LP - West Monroe Compressor Station
West Monroe, Ouachita Parish, Louisiana

Dear Mr. Fletcher:

This is to inform you that the permit renewal for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the ____ of _____, 2015, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and agency interest number cited above should be referenced in future correspondence regarding this facility.

Please be advised that pursuant to provisions of the Environmental Quality Act and the Administrative Procedure Act, the Department may initiate review of a permit during its term. However, before it takes any action to modify, suspend or revoke a permit, the Department shall, in accordance with applicable statutes and regulations, notify the permittee by mail of the facts or operational conduct that warrant the intended action and provide the permittee with the opportunity to demonstrate compliance with all lawful requirements for the retention of the effective permit.

Done this _____ day of _____, 2010.

Permit No.: 2160-00051-V2

Sincerely,

Cheryl Sonnier Nolan
Assistant Secretary
CSN:DWP
c: EPA Region VI

PUBLIC NOTICE
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY (LDEQ)
TEXAS EASTERN TRANSMISSION, LP, WEST MONROE COMPRESSOR STATION
PROPOSED PART 70 AIR OPERATING PERMIT RENEWAL

The LDEQ, Office of Environmental Services, is accepting written comments on the proposed Part 70 air operating permit renewal for Texas Eastern Transmission, LP, P.O. Box 1642, Houston, TX 77251 for the West Monroe Compressor Station. The facility is located at 309 Worthy Road, West Monroe, Ouachita Parish.

Texas Eastern Transmission, LP - West Monroe Compressor Station is a natural gas transmission facility. The plant is covered by Standard Industrial Classification (SIC) 4922. Texas Eastern Transmission, LP requested to renew the Part 70 air operating permit.

Estimated emissions from the facility in tons per year are as follows:

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
PM ₁₀	13.73	13.73	-
SO ₂	0.18	0.18	-
NO _x	1451.85	1451.85	-
CO	92.56	92.56	-
VOC *	56.63	51.49	-5.14

*Includes a number of Toxic Air Pollutants.

A technical review of the working draft of the proposed permit was submitted to the facility representative and the LDEQ Surveillance Division. Any remarks received during the technical review will be addressed in the "Worksheet for Technical Review of Working Draft of Proposed Permit". All remarks received by LDEQ are included in the record that is available for public review.

Written comments, written requests for a public hearing or written requests for notification of the final decision regarding this permit action may be submitted to Ms. Soumaya Ghosn at LDEQ, Public Participation Group, P.O. Box 4313, Baton Rouge, LA 70821-4313. **Written comments and/or written requests must be received by 12:30 p.m., Tuesday, March 9, 2010.** Written comments will be considered prior to a final permit decision.

If LDEQ finds a significant degree of public interest, a public hearing will be held. LDEQ will send notification of the final permit decision to the applicant and to each person who has submitted written comments or a written request for notification of the final decision.

The application, proposed Part 70 air operating permit and statement of basis are available for review at the LDEQ, Public Records Center, Room 127, 602 North 5th Street, Baton Rouge, LA. Viewing hours are from 8:00 a.m. to 4:30 p.m., Monday through Friday (except holidays). The available information can also be accessed electronically on the Electronic Document Management System (EDMS) on the DEQ public website at www.deq.louisiana.gov.

Additional copies may be reviewed at the Ouachita Parish Library, West Ouachita Branch, 315 Cypress Street, West Monroe, LA 71291.

Inquiries or requests for additional information regarding this permit action should be directed to Dawei Pan, LDEQ, Air Permits Division, P.O. Box 4313, Baton Rouge, LA 70821-4313, phone (225) 219-0930.

Persons wishing to be included on the LDEQ permit public notice mailing list or for other public participation related questions should contact the Public Participation Group in writing at LDEQ, P.O. Box 4313, Baton Rouge, LA 70821-4313, by email at deqmailistrequest@la.gov or contact the LDEQ Customer Service Center at (225) 219-LDEQ (219-5337).

Permit public notices including electronic access to the proposed permit and statement of basis can be viewed at the LDEQ permits public notice webpage at www.deq.louisiana.gov/apps/pubNotice/default.asp and general information related to the public participation in permitting activities can be viewed at www.deq.louisiana.gov/portal/tabid/2198/Default.aspx.

Alternatively, individuals may elect to receive the permit public notices via email by subscribing to the LDEQ permits public notice List Server at http://www.doa.louisiana.gov/oes/listservpage/ldeq_pn_listserv.htm.

All correspondence should specify AI Number 8241, Permit Number 2160-00051-V2, and Activity Number PER20090001.

Scheduled Publication Date: February 2, 2010

**AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Texas Eastern Transmission, LP - West Monroe Compressor Station
Agency Interest No.: 8241
Texas Eastern Transmission, LP
West Monroe, Ouachita Parish, Louisiana**

I. Background

The Texas Eastern Transmission, LP - West Monroe Compressor Station currently operates under Permit No. 2160-00051-V1, issued March 11, 2005.

This is the Part 70 operating permit for the facility.

II. Origin

A permit application and Emission Inventory Questionnaire were submitted by Texas Eastern Transmission, LP on September 3, 2009, requesting a Part 70 operating permit renewal.

III. Description

The West Monroe Compressor Station employs three reciprocating internal combustion gas-fired engines to recompress and move natural gas through transmission pipelines. Line pressure must be maintained in order to ensure that natural gas moves at sufficient volumes for reliable service at all delivery points. Various support activities are performed at the West Monroe Compressor Station to maintain proper operation of the engines and ancillary equipment. Pipeline liquids (condensate) is collected through a diffuser vessel (121-DV1) that empties into a collection tank (T-1) and ultimately stored in an accumulator tank (T-2) until transported off-site by tank truck where area fugitive emissions from loading activities (TLOAD) occur. Tanks are also used to store lube oil, used lube oil, and engine coolant (glycol). One auxiliary engine (E-4) is maintained on-site to generate emergency power in the event of a loss of grid electrical power. Fugitive emissions (FG-1) from the facility consist of leaks from pipeline components, discrete gas releases from blowdowns, purges, scheduled maintenance, and emergency events are emitted from miscellaneous process vents (MPV).

In this proposed permit renewal no physical modification was proposed. The emissions from Emission Points T-1, T-2, FG-1, MPV-1, and DV-1 were reconciled.

Estimated emissions in tons per year are as follows:

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
PM ₁₀	13.73	13.73	-
SO ₂	0.18	0.18	-
NO _X	1451.85	1451.85	-

AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Texas Eastern Transmission, LP - West Monroe Compressor Station
Agency Interest No.: 8241
Texas Eastern Transmission, LP
West Monroe, Ouachita Parish, Louisiana

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
CO	92.56	92.56	-
VOC *	56.63	51.49	-5.14

***VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):**

Pollutant	Before	After	Change
1,1,2,2-Tetrachloroethane	-	<0.01	<0.01
1,1,2-Trichloroethane	-	<0.01	<0.01
1,2-Dibromoethane	-	<0.01	<0.01
2,2,4-Trimethylpentane	0.09	0.11	+0.02
2-Methylnaphthalene	-	<0.01	<0.01
Acetaldehyde	0.81	0.81	-
Acrolein	0.84	0.84	-
Benzene	0.24	0.32	+0.08
1,3-Butadiene	0.09	0.09	-
Carbon tetrachloride	-	<0.01	<0.01
Chlorobenzene	-	<0.01	<0.01
Dichloromethane	-	0.01	+0.01
Ethyl benzene	-	0.01	+0.01
Formaldehyde	5.91	5.91	-
Methanol	0.27	0.27	-
Methylene Chloride	0.03	0.03	-
n-Hexane	7.79	2.59	-5.20
Phenol	-	<0.01	<0.01
PAH	-	<0.01	<0.01
Styrene	-	<0.01	<0.01
Toluene	0.10	0.35	+0.25
Xylene	0.03	0.13	+0.10
Total	16.20	11.46	-4.73

**AIR PERMIT BRIEFING SHEET
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**Texas Eastern Transmission, LP - West Monroe Compressor Station
Agency Interest No.: 8241
Texas Eastern Transmission, LP
West Monroe, Ouachita Parish, Louisiana**

Other VOC (TPY): 40.02

IV. Type of Review

This permit was reviewed for compliance with 40 CFR 70 and the Louisiana Air Quality Regulations. Prevention of Significant Deterioration (PSD), New Source Performance Standards (NSPS) and National Emission Standards for Hazardous Air Pollutants (NESHAP) do not apply.

This facility is a minor source of toxic air pollutants (TAPs) pursuant to LAC 33:III.Chapter 51.

V. Credible Evidence

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

VI. Public Notice

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, on <date>, 200X; and in the <local paper>, <local town>, on <date>, 200X. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on <date>. The draft permit was also submitted to US EPA Region VI on <date>. All comments will be considered prior to the final permit decision.

VII. Effects on Ambient Air

Emissions associated with the proposed facility were reviewed by the Air Quality Assessment Division to ensure compliance with the NAAQS and AAS. LDEQ did not require the applicant to model emissions.

AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Texas Eastern Transmission, LP - West Monroe Compressor Station

Agency Interest No.: 8241

Texas Eastern Transmission, LP

West Monroe, Ouachita Parish, Louisiana

Dispersion Model(s) Used: None

Pollutant	Time Period	Calculated Maximum Ground Level Concentration	Louisiana Toxic Air Pollutant Ambient Air Quality Standard or (National Ambient Air Quality Standard (NAAQS))

VIII. General Condition XVII Activities

Work Activity	Schedule	PM ₁₀	Emission Rates - tons		
			SO ₂	NO _X	CO

IX. Insignificant Activities

ID No.:	Description	Citation
T-3	3000 gallon Lube Oil Tank	LAC 33:III.501.B.5.A.3
T-4	3000 gallon Lube Oil Tank	LAC 33:III.501.B.5.A.3
T-5	500 gallon Scrubber Oil Tank	LAC 33:III.501.B.5.A.3
PT-12101	800 gallon Glycol Tank	LAC 33:III.501.B.5.A.3
PT-12102	800 gallon Glycol Tank	LAC 33:III.501.B.5.A.3
PT-12103	800 gallon Glycol Tank	LAC 33:III.501.B.5.A.3
PT-12135	250 gallon Glycol Tank	LAC 33:III.501.B.5.A.3
T-7	1600 gallon Glycol Tank	LAC 33:III.501.B.5.A.3
EJW	2000 gallon Engine Jacket Water Tank	LAC 33:III.501.B.5.A.3
T-8	2000 gallon Used Lube Oil Tank	LAC 33:III.501.B.5.A.3

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Texas Eastern Transmission, LP - West Monroe Compressor Station
Agency Interest No.: 8241
Texas Eastern Transmission, LP
West Monroe, Ouachita Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III										LAC 33:III Chapter					
		2103	2104	2107	2111	2113	2116	2123	5▲	9	11	13	15	22	29*	51*	53*
UNFI	Entire Facility					1			1	1	1	1		1	1	1	1
EQT11	E-1: Internal Combustion Engine 12101																
EQT12	E-2: Internal Combustion Engine 12102																
EQT13	E-3: Internal Combustion Engine 12103																
EQT14	E-4: Internal Combustion Engine 12135																
EQT15	T-1: Pipeline Liquids Tank	2															
EQT16	T-2: Pipeline Liquids Tank	2	3														
EQT17	TLOAD: Pipeline Liquids Loading					3											
FUG03	FG-1: Fugitive Emissions							1									
MPV12	MPV-1: Miscellaneous Process Vents (MPV**)																
RLP11	Diffuse Vent						3										

* The regulations indicated above are State Only regulations.

** MPV includes: Unit Scrubber, PCB Filter Separator Dump Valves, Shutdown Vents, Start/Stop Vents, ESD Vents and Pig Launcher Vents.

▲ All LAC 33:III Chapter 5 citations are federally enforceable including LAC 33:III.501.C.6 citations, except when the requirement found in the "Specific Requirements" report specifically states that the regulation is State Only.

KEY TO MATRIX

I - The regulations have applicable requirements that apply to this particular emission source.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Texas Eastern Transmission, LP - West Monroe Compressor Station

Agency Interest No.: 8241

Texas Eastern Transmission, LP

West Monroe, Ouachita Parish, Louisiana

- The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
 - 2 - The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
 - 3 - The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.
- Blank – The regulations clearly do not apply to this type of emission source.

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS								40 CFR 61				40 CFR 63 NESHAP				40 CFR		
		A	K	Ka	Kb	Db	Dc	GG	KKK	JJJJ	A	J	M	A	HH	SS	VV	ZZZZ	64	68
UNFI	Entire Facility								3		1		1							3
EQT11	E-1: Internal Combustion Engine 12101									3										3
EQT12	E-2: Internal Combustion Engine 12102									3										3
EQT13	E-3: Internal Combustion Engine 12103									3										3
EQT14	E-4: Internal Combustion Engine 12135									3										3
EQT15	T-1: Pipeline Liquids Tank									3										
EQT16	T-2: Pipeline Liquids Tank									3										
EQT17	TLOAD: Pipeline Liquids Loading																			
FUG03	FG-1: Fugitive Emissions																			
RLP12	MPV-1: Miscellaneous Process Vents (MPV*)																			

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Texas Eastern Transmission, LP - West Monroe Compressor Station
 Agency Interest No.: 8241
Texas Eastern Transmission, LP
West Monroe, Ouachita Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.	Description	40 CFR 60 NSPS						40 CFR 61						40 CFR 63 NESHAP						40 CFR
		A	K	Ka	Kb	Db	Dc	GG	KKK	JJJ	A	J	M	A	HH	SS	VV	ZZZZ	64	
RLP11	Diffuse Vent																		68	

* MPV includes: Unit Scrubber, PCB Filter Separator Dump Valves, Shutdown Vents, Start/Stop Vents, ESD Vents and Pig Launcher Vents.

KEY TO MATRIX

- 1 - The regulations have applicable requirements that apply to this particular emission source.
 -The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 - The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 - The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.
 Blank - The regulations clearly do not apply to this type of emission source.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Texas Eastern Transmission, LP - West Monroe Compressor Station

Agency Interest No.: 8241

Texas Eastern Transmission, LP

West Monroe, Ouachita Parish, Louisiana

XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No.	Requirement	Notes
UNF1	Chemical Accident Prevention and Minimization of Consequence [40 CFR 68]	DOES NOT APPLY. By definition, a Stationary Source subject to Part 68 does not include transportation subject to DOT oversight or regulation under. The West Monroe compressor station is regulated by DOT.
West Monroe Complex Station	NSPS Subpart KKK – Standards of Performance for Equipment Leaks of VOC from Onshore Natural Gas Processing Plants [40 CFR 60.630]	DOES NOT APPLY. The facility is not an onshore natural gas processing plant.
EQT 11	Emission Standards for Sulfur Dioxide [LAC 33:III.1502.A]	EXEMPT. Units emit less than 5 tons of SO ₂ per year.
EQT 12		
EQT 13	NSPS Subpart JJJJ – Standards of Performance for Stationary Spark Ignition Internal Combustion Engines (ICE) [40 CFR 60.4230]	DOES NOT APPLY. The engines did not commence modification or reconstruction after June 12, 2006.
EQT 14		
Internal Combustion Engines	NESHAP Subpart ZZZZ – National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines [40 CFR 63.6590]	DOES NOT APPLY. The engines are at an area HAP source but did not commence modification or reconstruction after June 12, 2006.
EQT 15	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]	DOES NOT APPLY. The tank commenced construction, reconstruction, or modification in 1983, but its capacity is less than 40,000 gallons.
Pipeline Liquids Collector Tank		

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Texas Eastern Transmission, LP - West Monroe Compressor Station
Agency Interest No.: 8241
Texas Eastern Transmission, LP
West Monroe, Ouachita Parish, Louisiana

XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
	Storage of Volatile Organic Compounds [LAC 33:III.2103.G]	EXEMPT. The tank having a capacity of less than 420,000 gallons is used to store condensate and not subject to NSPS.
EQT 16 Pipeline Liquids Storage Tank	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. The tank commenced construction, reconstruction, or modification in 1991, but its capacity is less than 40,000 gallons.
	Storage of Volatile Organic Compounds [LAC 33:III.2103.G]	EXEMPT. The tank having a capacity of less than 420,000 gallons is used to store condensate and not subject to NSPS.
RLP 11 Pipeline Liquids Diffuser Vessel Vent	Crude Oil and Condensate Flash Emissions [LAC 33:III.2104.A]	DOES NOT APPLY. Potential condensate flash emissions at West Monroe are less than 100 TPY.
EQT 17 Tank Truck Loading	Volatile Organic Compounds – Loading [LAC 33:III.2107.A.1.a]	DOES NOT APPLY. Throughput does not exceed 20,000 or 40,000 gallons per day.

The above table provides explanation for both the exemption status or non-applicability of a source cited by 1, 2 or 3 in the matrix presented in Section X (Table 1) of this permit.

General Information

AI ID: 8241 Texas Eastern Transmission - West Monroe Compressor Station
 Activity Number: PER20090001
 Permit Number: 2160-00051-V2
 Air - Title V Regular Permit Renewal

Also Known As:	ID	Name	User Group	Start Date
	2160-00051	CDS Number	CDS Number	09-04-2002
	72-0378240	Federal Tax ID	Federal Tax ID	11-21-1989
	LAD982302812	Telco Monroe	Hazardous Waste Notification	07-05-1988
	LAD981912595	ID #	Inactive & Abandoned Sites	02-26-1987
	WP5516	WPC State Permit Number	LWDPS Permit #	06-25-2003
	7357	Texas Eastern Gas Pipeline Co	TEMPO Merge	12-09-2001
Physical Location:			Main FAX:	7139898331
Mailing Address:	PO Box 1642	309 Worthy Rd West Monroe, LA 71291	Phone (Type)	
Related People:	Name	Mailing Address	Phone (Type)	Relationship
	Christopher Ditzel	PO Box 1642 Houston, TX 772511642	7139898331 (WP)	Air Permit Contact For
	Christopher Ditzel	PO Box 1642 Houston, TX 772511642	7139898331 (WP)	Responsible Official for
	V Kenney Fletcher	PO Box 1642 Houston, TX 772511642	7136274475 (WP)	Responsible Official for
	V Kenney Fletcher	PO Box 1642 Houston, TX 772511642	VKFletcher@Spectre	Responsible Official for
	Sabino Gomez	PO Box 1642 Houston, TX 772511642	7139898342 (WP)	Emission Inventory Contact for
	Sabino Gomez	PO Box 1642 Houston, TX 772511642	SxGOMEZ@Spectre	Emission Inventory Contact for
	Diana Phelps	PO Box 1642 Houston, TX 772511642	diphelps@spectraen	Emission Inventory Contact for
	Diana Phelps	PO Box 1642 Houston, TX 772511642	7136274484 (WP)	Emission Inventory Contact for
Related Organizations:	Name	Address	Phone (Type)	Relationship
	Texas Eastern Transmission LP	PO Box 1642 WO-919 Houston, TX 772511642	7139898331 (WP)	Owns
	Texas Eastern Transmission LP	PO Box 1642 WO-919 Houston, TX 772511642	7139898331 (WP)	Emission Inventory Billing Party
	Texas Eastern Transmission LP	PO Box 1642 WO-919 Houston, TX 772511642	7139898331 (WP)	Air Billing Party for

Note: This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit. Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Ms. Tommie Milam, Permit Support Services Division, at (225) 219-3259 or email your changes to facupdate@la.gov.

INVENTORIES

AI ID: 8241 - Texas Eastern Transmission - West Monroe Compressor Station
 Activity Number: PER20090001
 Permit Number: 2160-00051-Y2
 Air - Title V Regular Permit Renewal

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Entire Facility - West Monroe Compressor Station						
EQT 0011	E-1 - Cooper Bessemer GMWA-10,12101		2625 horsepower	2500 horsepower		8760 hr/yr
EQT 0012	E-2 - Cooper Bessemer GMWA-10,12102		2625 horsepower	2500 horsepower		8760 hr/yr
EQT 0013	E-3 - Cooper Bessemer GMWA-10,12103		2625 horsepower	2500 horsepower		8760 hr/yr
EQT 0014	E-4 - Caterpillar G397D Auxiliary Generator, 12135		400 horsepower	400 horsepower		8760 hr/yr
EQT 0015	T-1 - Pipeline Liquids Tank (Collector)	6000 gallons	6000 gallons/hr	24000 gallons/yr		8760 hr/yr
EQT 0016	T-2 - Pipeline Liquids Tank (Accumulator)	2900 gallons	2900 gallons/hr	11600 gallons/yr		8760 hr/yr
EQT 0017	TLOAD - Tank Truck Loading		6000 gallons/hr	24000 gallons/yr		8760 hr/yr
FUG 0003	FG-1 - Fugitive Emissions from Pipeline Components					8760 hr/yr
RLP 0011	DV-1 - Pipeline Liquids Diffuser Vessel Vent					8760 hr/yr
RLP 0012	MPV-1 - Miscellaneous Process Vents		32.958 MM scf/yr	25.6 MM scf/yr		8760 hr/yr

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (°F)
Entire Facility - West Monroe Compressor Station							
EQT 0011	E-1 - Cooper Bessemer GMWA-10,12101	106	23500	.217		34	600
EQT 0012	E-2 - Cooper Bessemer GMWA-10,12102	106	23500	.217		34	600
EQT 0013	E-3 - Cooper Bessemer GMWA-10,12103	106	23500	.217		34	600
EQT 0014	E-4 - Caterpillar G397D Auxiliary Generator, 12135	155	1826	.67		20	900
EQT 0015	T-1 - Pipeline Liquids Tank (Collector)						
EQT 0016	T-2 - Pipeline Liquids Tank (Accumulator)						
RLP 0011	DV-1 - Pipeline Liquids Diffuser Vessel Vent	4	317	.83		15.5	70
						70	
						63	

Relationships:**Subject Item Groups:**

ID	Group Type	Group Description
CRG 0001	Common Requirements Group	CRG-1 - Engines E-1, E-2 & E-3
UNF 0001	Unit or Facility Wide	UNF-1 - Entire Facility - West Monroe Compressor Station

Group Membership:

ID	Description	Member of Groups
EQT 0011	E-1 - Cooper Bessemer GMWA-10,12101	CRG0000000001
EQT 0012	E-2 - Cooper Bessemer GMWA-10,12102	CRG0000000001
EQT 0013	E-3 - Cooper Bessemer GMWA-10,12103	CRG0000000001

INVENTORIES

AI ID: 8241 - Texas Eastern Transmission - West Monroe Compressor Station
 Activity Number: PER20090001
 Permit Number: 2160-00051-V2
 Air - Title V Regular Permit Renewal

Group Membership:

ID	Description	Member of Groups

NOTE: The UNF group relationship is not printed in this table. Every subject item is a member of the UNF group

Annual Maintenance Fee:

Fee Number	Air Contaminant Source	Multipier	Units Of Measure
1460	1460 Recip Nat Gas Comp (5,000 to 20,000 H.P.)	82.75	100 hp

SIC Codes:

4922	Natural gas transmission	UNF 001
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EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 8241 - Texas Eastern Transmission - West Monroe Compressor Station

Activity Number: PER20090001

Permit Number: 2160-00051-V2

Air - Title V Regular Permit Renewal

Subject Item	CO	NOx	PM10	SO2	VOC							
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
Entire Facility - West Monroe Compressor Station												
EQT 0011 E-1	6.61	6.61	28.97	110.23	482.80	1.04	4.57	0.01	0.01	0.06	0.97	0.97
EQT 0012 E-2	6.61	6.61	28.97	110.23	482.80	1.04	4.57	0.01	0.01	0.06	0.97	0.97
EQT 0013 E-3	6.61	6.61	28.97	110.23	482.80	1.04	4.57	0.01	0.01	0.06	0.97	0.97
EQT 0014 E-4	12.91	5.65	7.86	7.86	3.45	0.07	0.07	0.03	<0.01	0.001	0.10	0.10
EQT 0015 T-1										1.09	98.44	4.76
EQT 0016 T-2										0.32	48.08	1.38
EQT 0017 TLOAD										0.02	68.03	0.10
FUG 0003 FG-1										0.05	0.05	0.23
RLP 0011 DV-1										1.51	1098.79	6.59
RLP 0012 MPV-1										5.85	5319.82	25.64

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 8241 - Texas Eastern Transmission - West Monroe Compressor Station

Activity Number: PER20090001

Permit Number: 2160-00051-V2

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0011 E-1	1,1,2,2-Tetrachloroethane	<0.001	<0.001	<0.01
	1,1,2-Trichloroethane	<0.001	<0.001	<0.01
	1,2-Dibromoethane	<0.001	<0.001	<0.01
	2,2,4-Trimethylpentane	0.007	0.007	0.03
	2-Methylnaphthalene	<0.001	<0.001	<0.01
	Acetaldehyde	0.063	0.063	0.27
	Acrolein	0.063	0.063	0.28
	Benzene	0.016	0.016	0.07
	Carbon tetrachloride	<0.001	<0.001	<0.01
	Chlorobenzene	<0.001	<0.001	<0.01
	Dichloromethane	0.001	0.001	0.01
	Ethyl benzene	<0.001	<0.001	<0.01
	Formaldehyde	0.446	0.446	1.96
	Methanol	0.02	0.02	0.09
	Naphthalene	<0.001	<0.001	<0.01
	Phenol	<0.001	<0.001	<0.01
	Polynuclear Aromatic Hydrocarbons	0.001	0.001	<0.01
	Styrene	<0.001	<0.001	<0.01
	Toluene	0.008	0.008	0.03
	Vinyl chloride	<0.001	<0.001	<0.01
EQT 0012 E-2	Xylene (mixed isomers)	0.002	0.002	0.01
	n-Hexane	0.004	0.004	0.02
	1,1,2,2-Tetrachloroethane	<0.001	<0.001	<0.01
	1,1,2-Trichloroethane	<0.001	<0.001	<0.01
	1,2-Dibromoethane	<0.001	<0.001	<0.01
	2,2,4-Trimethylpentane	0.007	0.007	0.03
	2-Methylnaphthalene	<0.001	<0.001	<0.01
	Acetaldehyde	0.063	0.063	0.27
	Acrolein	0.063	0.063	0.28
	Benzene	0.016	0.016	0.07
	Carbon tetrachloride	<0.001	<0.001	<0.01
	Chlorobenzene	<0.001	<0.001	<0.01
	Dichloromethane	0.001	0.001	0.01

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 8241 - Texas Eastern Transmission - West Monroe Compressor Station

Activity Number: PER20090001

Permit Number: 2160-00051-V2

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0012 E-2	Ethyl benzene	<0.001	<0.001	<0.01
	Formaldehyde	0.446	0.446	1.96
	Methanol	0.02	0.02	0.09
	Naphthalene	<0.001	<0.001	<0.01
	Phenol	<0.001	<0.001	<0.01
	Polynuclear Aromatic Hydrocarbons	0.001	0.001	<0.01
	Styrene	<0.001	<0.001	<0.01
	Toluene	0.008	0.008	0.03
	Vinyl chloride	<0.001	<0.001	<0.01
	Xylene (mixed isomers)	0.002	0.002	0.01
EOT 0013 E-3	n-Hexane	0.004	0.004	0.02
	1,1,2,2-Tetrachloroethane	<0.001	<0.001	<0.01
	1,1,2-Trichloroethane	<0.001	<0.001	<0.01
	1,2-Dibromoethane	<0.001	<0.001	<0.01
	2,2,4-Trimethylpentane	0.007	0.007	0.03
	2-Methylnaphthalene	<0.001	<0.001	<0.01
	Acetaldehyde	0.063	0.063	0.27
	Acrolein	0.063	0.063	0.28
	Benzene	0.016	0.016	0.07
	Carbon tetrachloride	<0.001	<0.001	<0.01
	Chlorobenzene	<0.001	<0.001	<0.01
	Dichloromethane	0.001	0.001	0.01
	Ethyl benzene	<0.001	<0.001	<0.01
	Formaldehyde	0.446	0.446	1.96
	Methanol	0.02	0.02	0.09
	Naphthalene	<0.001	<0.001	<0.01
	Phenol	<0.001	<0.001	<0.01
	Polynuclear Aromatic Hydrocarbons	0.001	0.001	<0.01
	Styrene	<0.001	<0.001	<0.01
	Toluene	0.008	0.008	0.03
	Vinyl chloride	<0.001	<0.001	<0.01
	Xylene (mixed isomers)	0.002	0.002	0.01
	n-Hexane	0.004	0.004	0.02

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 8241 - Texas Eastern Transmission - West Monroe Compressor Station

Activity Number: PER20090001

Permit Number: 2160-00051-V2

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0014 E-4	Acetaldehyde	0.010	0.010	0.004
	Acrolein	0.009	0.009	0.004
	Benzene	0.006	0.006	0.002
	Formaldehyde	0.07	0.07	0.03
	Methanol	0.01	0.01	<0.01
	Toluene	0.002	0.002	0.001
EQT 0015 T-1	Benzene	<0.01	0.52	0.03
	Toluene	<0.01	0.22	0.01
	Xylene (mixed isomers)	<0.001	0.06	0.003
	n-Hexane	0.010	1.05	0.05
EQT 0016 T-2	Benzene	<0.01	0.25	0.01
	Toluene	<0.01	0.11	0.003
	Xylene (mixed isomers)	<0.01	0.03	0.001
	n-Hexane	<0.01	0.51	0.01
EQT 0017 TLOAD	Benzene	<0.001	0.36	<0.001
	p-Hexane	<0.001	0.73	0.001
FUG 0003 FG-1	n-Hexane	<0.01	<0.01	0.02
RLP 0011 DV-1	2,2,4-Trimethylpentane	<0.01	3.38	0.02
	Benzene	0.02	12.39	0.07
	Ethyl benzene	<0.01	0.77	0.01
	Toluene	0.06	40.35	0.24
	Xylene (mixed isomers)	0.02	16.72	0.10
	n-Hexane	0.04	27.01	0.16
RLP 0012 MPV-1	n-Hexane	0.520	490.45	2.29
UNF 0001 UNF-1	1,1,2,2-Tetrachloroethane			<0.01
	1,1,2-Trichloroethane			<0.01
	1,2-Dibromoethane			<0.01
	1,3-Butadiene			0.09
	2,2,4-Trimethylpentane			0.11
	2-Methylnaphthalene			<0.01
	Acetaldehyde			0.81
	Acrolein			0.84
Benzene				0.32

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 8241 - Texas Eastern Transmission - West Monroe Compressor Station

Activity Number: PER20090001

Permit Number: 2160-00051-V2

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
UNF 0001 UNF-1	Carbon tetrachloride			<0.01
	Chlorobenzene			<0.01
	Dichloromethane			0.01
	Ethyl benzene			<0.01
	Formaldehyde			5.91
	Methanol			0.27
	Methyl chloride			0.03
	Naphthalene			<0.01
	Phenol			<0.01
	Polynuclear Aromatic Hydrocarbons			<0.01
	Styrene			<0.01
	Toluene			0.35
	Vinyl chloride			<0.01
	Xylene (mixed isomers)			0.13
	n-Hexane			2.59

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote. Emission rates attributed to the UNF reflect the sum of the TAP/HAP limits of the individual emission points (or caps) under this permit, but do not constitute an emission cap.

SPECIFIC REQUIREMENTS

AI ID: 8241 - Texas Eastern Transmission - West Monroe Compressor Station

Activity Number: PER20090001

Permit Number: 2160-00051-V2

Air - Title V Regular Permit Renewal

CRG 0001 CRG-1 - Engines E-1, E-2 & E-3

Group Members: EQT 0011EQT 0012EQT 0013

- 1 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: None specified
- 2 [LAC 33:III.1311.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: Six-minute average
- 3 [LAC 33:III.507.H.1.a] Stack gas concentration: Carbon monoxide monitored by portable analyzer semiannually (six months after the stack test or previous semianual test, plus or minus 30 days). Maintain concentrations of CO in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample.
Which Months: All Year Statistical Basis: None specified
- 4 [LAC 33:II.507.H.1.a] Equipment/operational data recordkeeping by electronic or hard copy semiannually. Recorded parameters are NOx, CO and O2 concentrations in the stack gas obtained during semianual testing.
- 5 [LAC 33:III.507.H.1.a] Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment. The test results summary shall include any necessary conversion into the units of any applicable Standard. (lbs/MMBtu, gr/dscf, lbs SO₂ / ton 100% H₂SO₄, Etc.) Plant and in house laboratory data to support production values shall be included. (Example: how many tons of 100% equivalent H₂SO₄ was being produced) Units tested at less than 95% of permitted maximum capacity shall provide documentation to support compliance at 100% of the permitted maximum capacity.
Conduct a performance/emissions test: Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shutdown period, whichever is earliest. The stack test's purpose is to demonstrate compliance with the emission limits of this permit and therefore must be conducted at greater than 80% of maximum permitted capacity. Repeat the test after each major engine overhaul. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources and Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.
- 6 [LAC 33:III.507.H.1.a] Stack gas concentration: Nitrogen oxides monitored by portable analyzer semiannually (six months after the stack test or previous semianual test, plus or minus 30 days). Maintain concentrations of NOx in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample.
Which Months: All Year Statistical Basis: None specified
- 7 [LAC 33:III.507.H.1.a] Stack gas concentration: Oxygen monitored by portable analyzer semiannually (six months after the stack test or previous semianual test, plus or minus 30 days). Maintain concentrations of O₂ in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample.
Which Months: All Year Statistical Basis: None specified
- 8 [LAC 33:III.507.H.1.a]

SPECIFIC REQUIREMENTS

AI ID: 8241 - Texas Eastern Transmission - West Monroe Compressor Station
Activity Number: PER20090001
Permit Number: 2160-00051-V2
Air - Title V Regular Permit Renewal

CRG 0001 CRG-1 - Engines E-1, E-2 & E-3

9 [LAC 33:III.507.H.1.a] Submit notification: Due at least 30 days prior to any LDEQ required performance/emissions test to the Office of Environmental Assessment, to provide the opportunity to conduct a pretest meeting and observe the emission testing.

EQT 0014 E-4 - Caterpillar G397D Auxiliary Generator, 12135

10 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: None specified

11 [LAC 33:III.1311.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: Six-minute average

FUG 0003 FG-1 - Fugitive Emissions from Pipeline Components

12 [LAC 33:III.2111] Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment.

UNF 0001 UNF-1 - Entire Facility - West Monroe Compressor Station

13 [40 CFR 61.145(b)(1)] Provide DEQ with written notice of intention to demolish or renovate prior to performing activities to which 40 CFR 61 Subpart M applies.
 Delivery of the notice by U.S. Postal Service, commercial delivery service, or hand delivery is acceptable. Subpart M. [40 CFR 61.145(b)(1)]
 Do not install or reinstall on a facility component any insulating materials that contain commercial asbestos if the materials are either molded and friable or wet-applied and friable after drying. Subpart M.
 All affected facilities shall comply with all applicable provisions in 40 CFR 61 Subpart A.
 Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.111 or intensify an existing traffic hazard condition are prohibited.
 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.A.1-7.
 Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5.
 Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance.
 Discharges of odorous substances at or beyond property lines which cause a perceived odor intensity of six or greater on the specified eight point butanol scale as determined by Method 41 of LAC 33:III.2901.G are prohibited.

SPECIFIC REQUIREMENTS

AI ID: 8241 - Texas Eastern Transmission - West Monroe Compressor Station

Activity Number: PER20090001

Permit Number: 2160-00051-V2

Air - Title V Regular Permit Renewal

UNF 0001 UNF-1 - Entire Facility - West Monroe Compressor Station

- 21 [LAC 33:III.2901.F] If requested to monitor for odor intensity, take and transport samples in a manner which minimizes alteration of the samples either by contamination or loss of material. Evaluate all samples as soon after collection as possible in accordance with the procedures set forth in LAC 33:III.2901.G.
- 22 [LAC 33:III.5151.F.1.f] An individual or company contracted to perform a demolition or renovation activity which disturbs RACM must be recognized by the Licensing Board for Contractors to perform asbestos abatement, and shall meet the requirements of LAC 33:III.5151.F.2 and F.3 for each demolition or renovation activity.

23 {LAC 33:III.535} Comply with the Part 70 General Conditions as set forth in LAC 33:III.535 and the Louisiana General Conditions as set forth in LAC 33:III.537.
[LAC 33:III.535, LAC 33:III.537]

24 [LAC 33:III.5611.A] Submit standby plan for the reduction or elimination of emissions during an Air Pollution Alert, Air Pollution Warning, or Air Pollution Emergency. Due within 30 days after requested by the administrative authority.

25 [LAC 33:III.5611.B] During an Air Pollution Alert, Air Pollution Warning or Air Pollution Emergency, make the standby plan available on the premises to any person authorized by the department to enforce these regulations.

26 [LAC 33:III.919.D] Submit Emission Inventory (EI)/Annual Emissions Statement: Due annually, by the 31st of March for the period January 1 to December 31 of the previous year unless otherwise directed. Submit emission inventory data in the format specified by the Office of Environmental Assessment. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A-D.

27 [LAC 33:III.927] Report the unauthorized discharge of any air pollutant into the atmosphere in accordance with LAC 33:1. Chapter 39, Notification Regulations and Procedures for Unauthorized Discharges. Submit written reports to the department pursuant to LAC 33:1.3925. Submit timely and appropriate follow-up reports detailing methods and procedures to be used to prevent similar atmospheric releases.

28 [LAC 33:III.929.A] No person or group of persons shall allow particulate matter or gases to become airborne in amounts which cause the ambient air quality standards to be exceeded.